

City of Detroit
METRO WATER DEPARTMENT

August 30, 1974

RECEIVED
SEP 05 1974

Mr. William R. Hartman, Vice President
Chem-Met Services, Incorporated
18550 Allen Road
Wyandotte, Michigan

Dear Mr. Hartman:

Analyses of the effluent from your facility on Mellon Road in Detroit indicate continued discharge of acid and oily material in violation of the City's use ordinance. As you know, we use magnesium bars of varying thicknesses, none of which will be eaten away in a week in normal sewage. We collect floating oil in a polyester sponge. Our results are as follows:

Acid Determinations:

<u>Week Starting</u>	<u>Determination</u>
6/26/74	All bars eaten away
7/17/74	" " " "
7/24/74	" " " "
8/ 7/74	Slight attack on all bars
8/14/74	All bars eaten away



Oil Determinations:

<u>Week Starting</u>	<u>Determination</u>
6/13/74	2050 mgms oil per cu. in. sponge
6/27/74	Sponge eaten away by corrosive material
7/11/74	" " " " " "
7/24/74	224 mgms oil per cu. in. sponge

We have seen no improvement in the character of your effluent since writing to you in May. We shall be keeping you and the Michigan Department of Natural Resources advised of our analyses.

Yours very truly,

CC: Mr. David M. Dennis, DNR
Mr. Wayne Denniston, DNR
Mr. Merle Crowe, DNR

Frank G. Pollard
Associate Chemical Engineer